

#12 $4x^4 + x^2 + x^3 + x + 1$

(1p)

STANDARD FORM: $4x^4 + x^3 + x^2 + x + 1$

#14 $9.1x^2 + 5.4x^5 + 3.3x^2 + 2.1$

(1p)

STANDARD FORM: $5.4x^5 + 12.4x^2 + 2.1$

#30 $x^4 + 2x^3 + 2 \quad x = -2$

(3p)

$$(-2)^4 + 2(-2)^3 + 2 = 16 - 16 + 2 = 2$$

#34 $5x^3 + 2x^2 - 5x + 2 \quad x = 6$

(3p)

$$5 \cdot 6^3 + 2 \cdot 6^2 - 5 \cdot 6 + 2 = 1124$$

p. 430

#42 $(5x^3 + 3x^2 + 8x + 2) - (2x^2 + 4x + 7) =$

(5p)

$$= 5x^3 + \underline{3x^2} + \underline{8x} + \underline{2} - \underline{2x^2} - \underline{4x} - \underline{7} =$$

$$= 5x^3 + x^2 + 4x - 5$$

#44 $(\underline{x^2} - \underline{5x^3} + 7) + (\underline{6x} + \underline{x^3} + \underline{3x^2}) =$

(2p)

$$= -4x^3 + 4x^2 + 6x + 7$$